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FIG.1

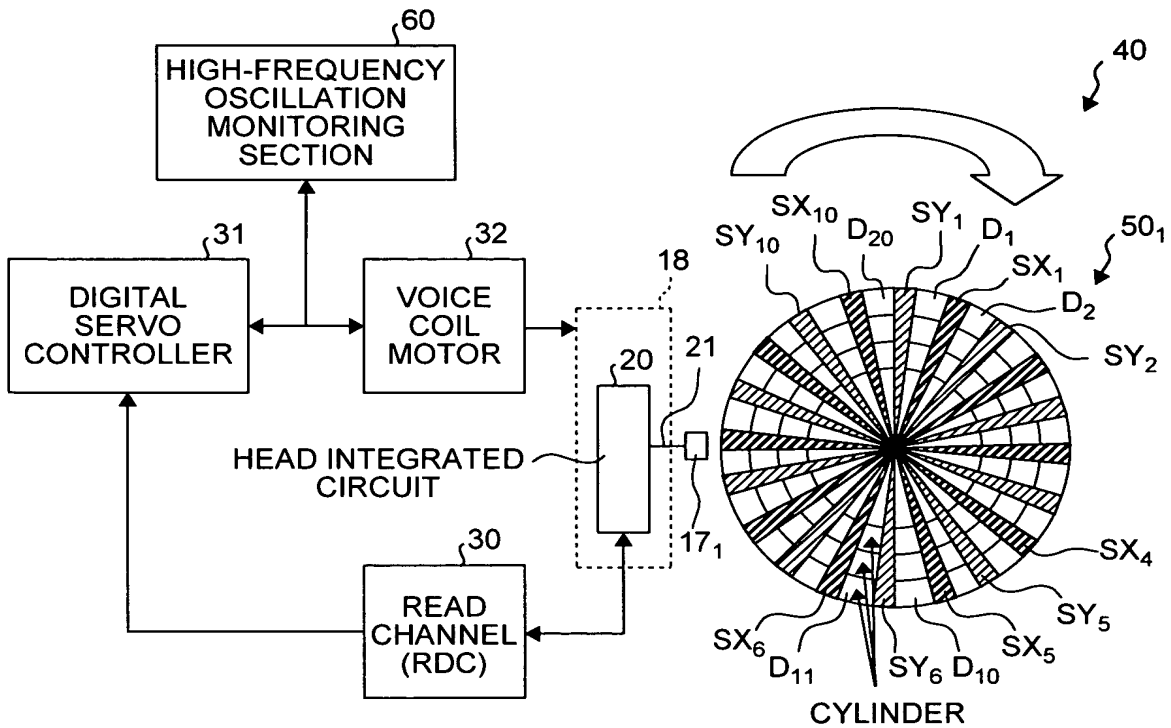


FIG.2

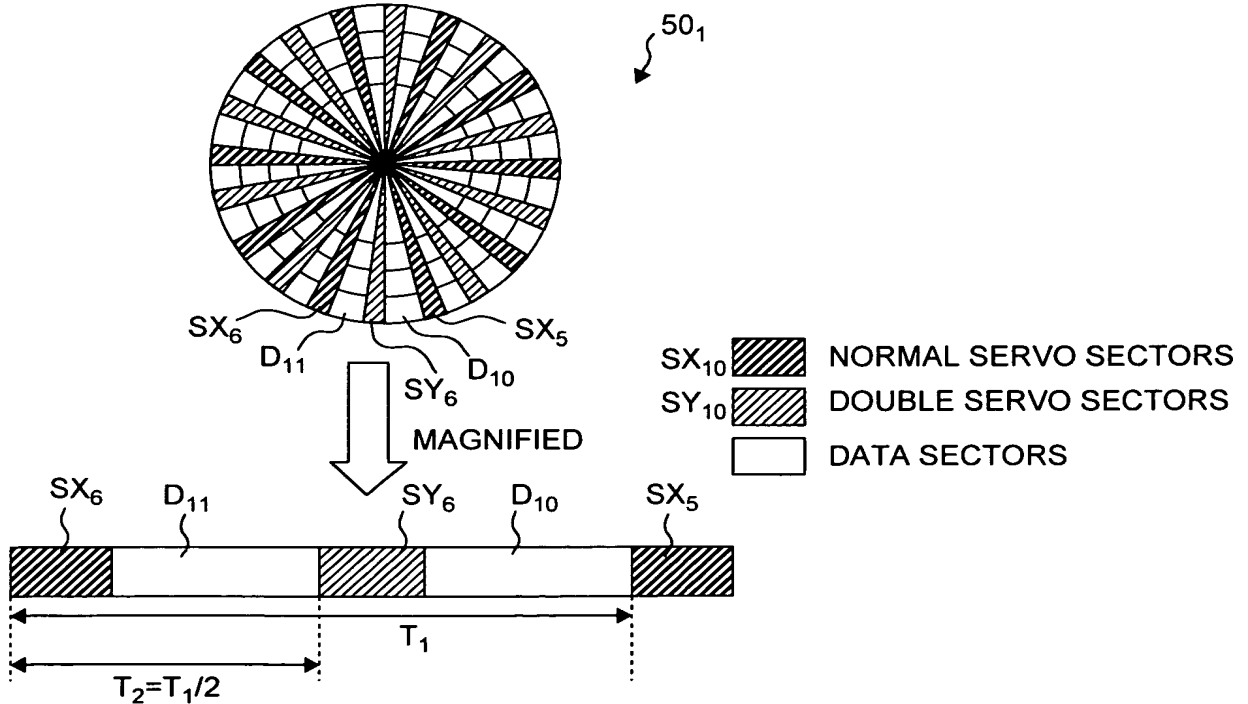


FIG.3A

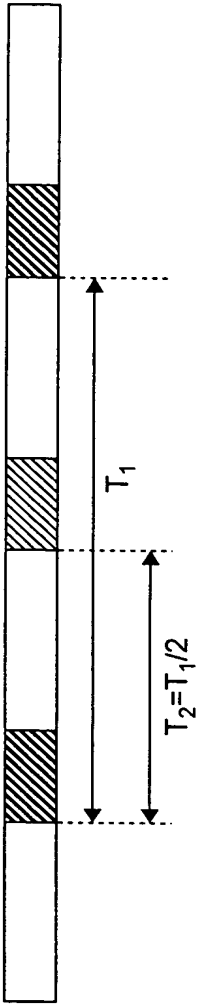


FIG.3B

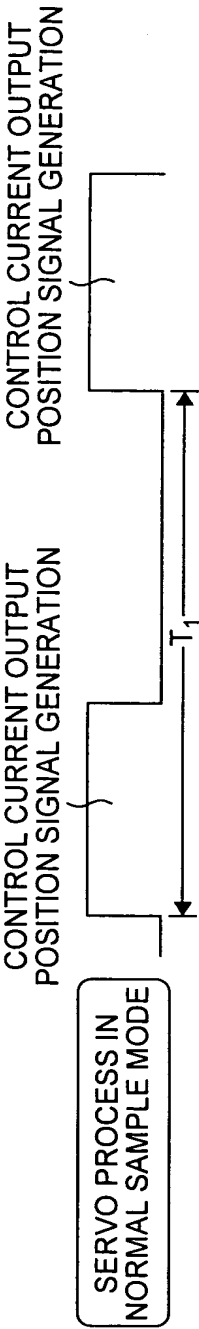


FIG.3C

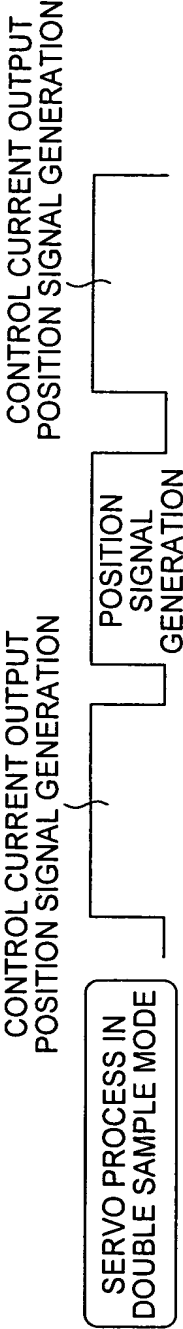
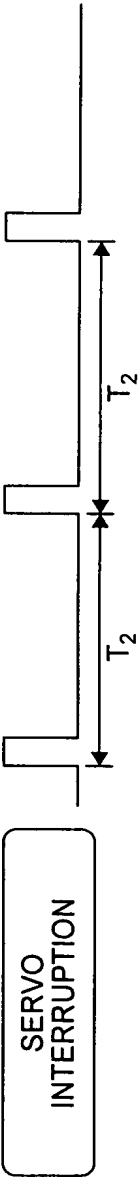


FIG.3D



■ NORMAL SERVO SECTORS
▨ DOUBLE SERVO SECTORS
□ DATA SECTORS

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FIG.4

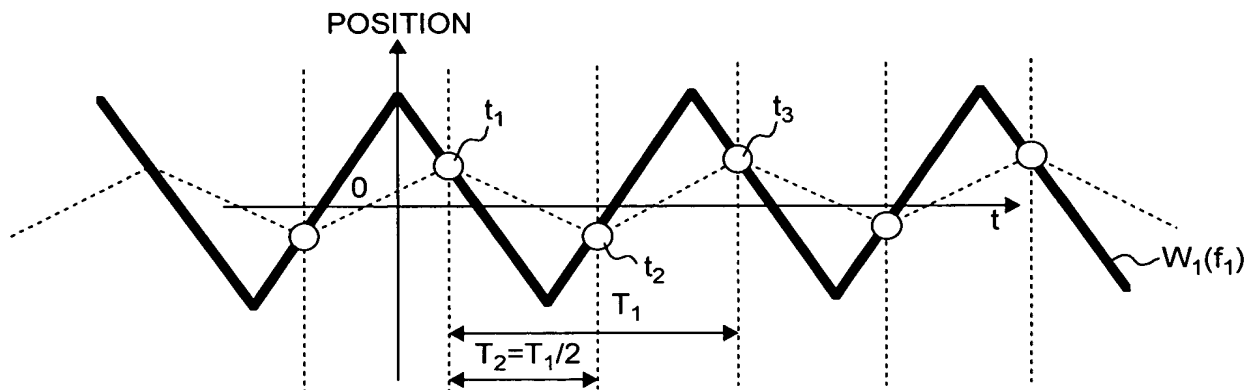


FIG.5

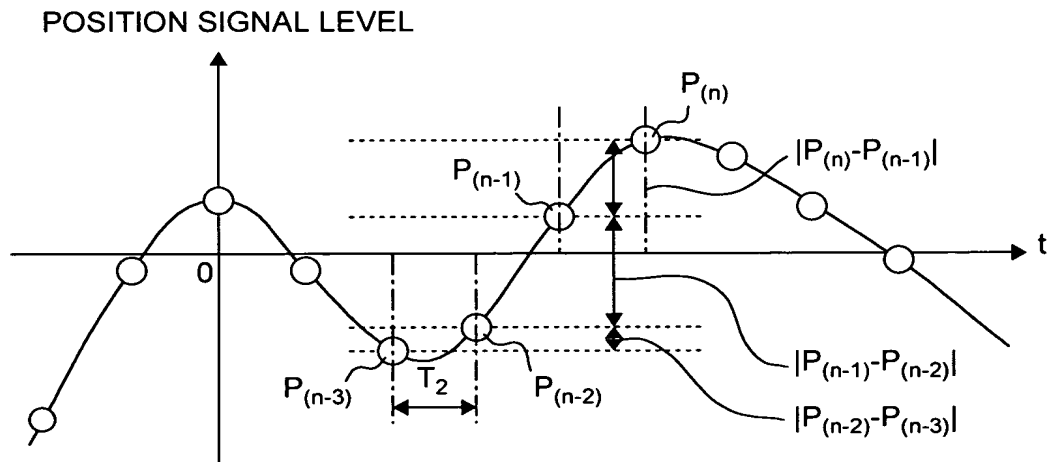


FIG.6A

TASK 1

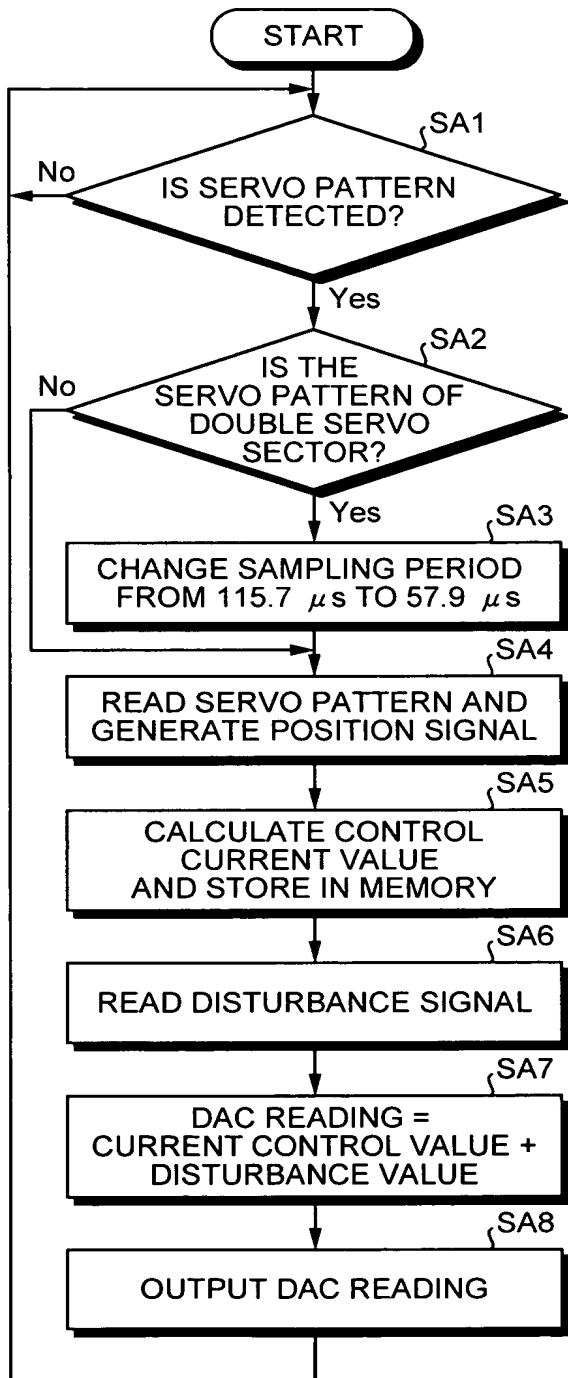


FIG.6B

TASK 2

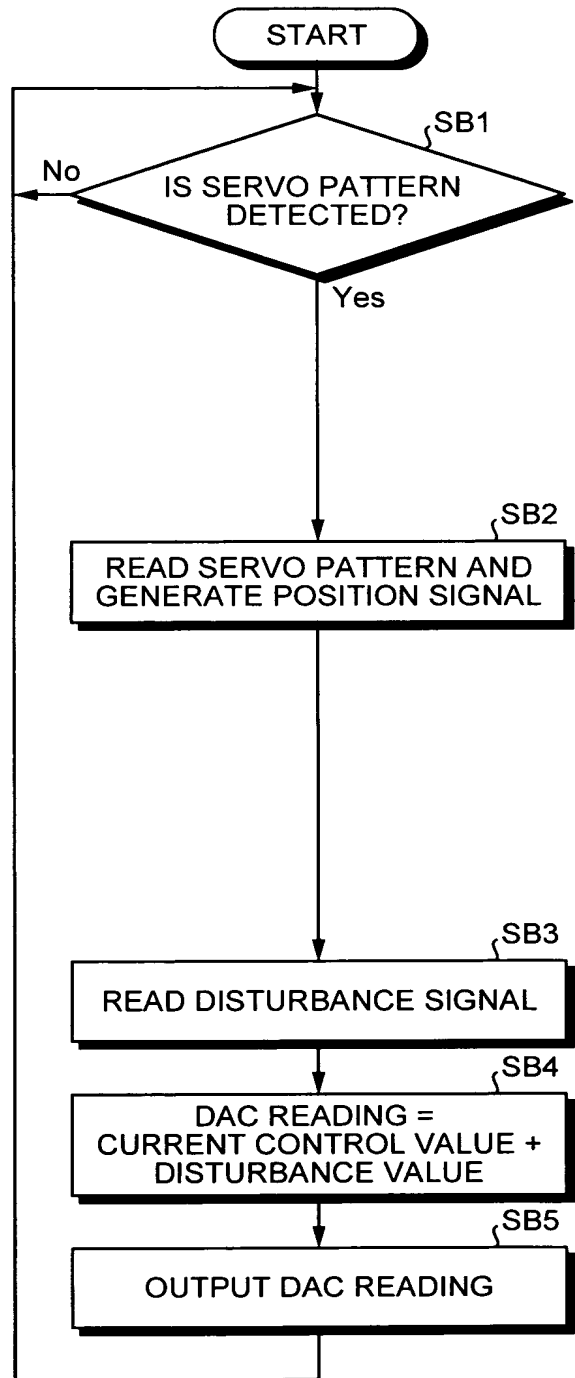
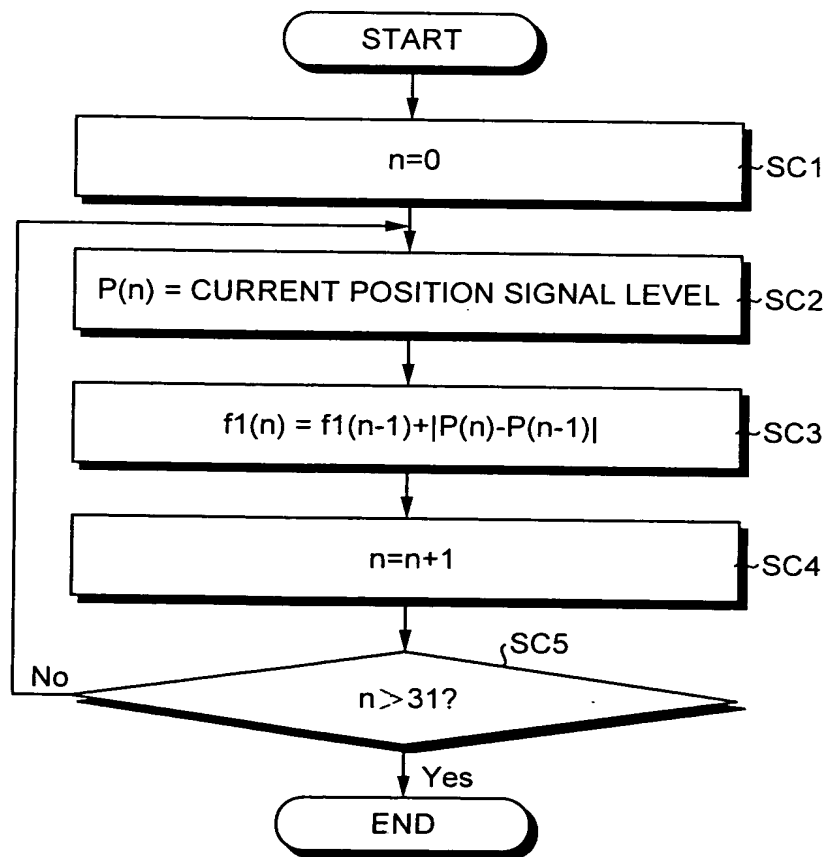


FIG.7

$$f1(n) = \sum_{n=0}^{31} |P(n) - P(n-1)| \quad \cdot \cdot \cdot \cdot (1)$$

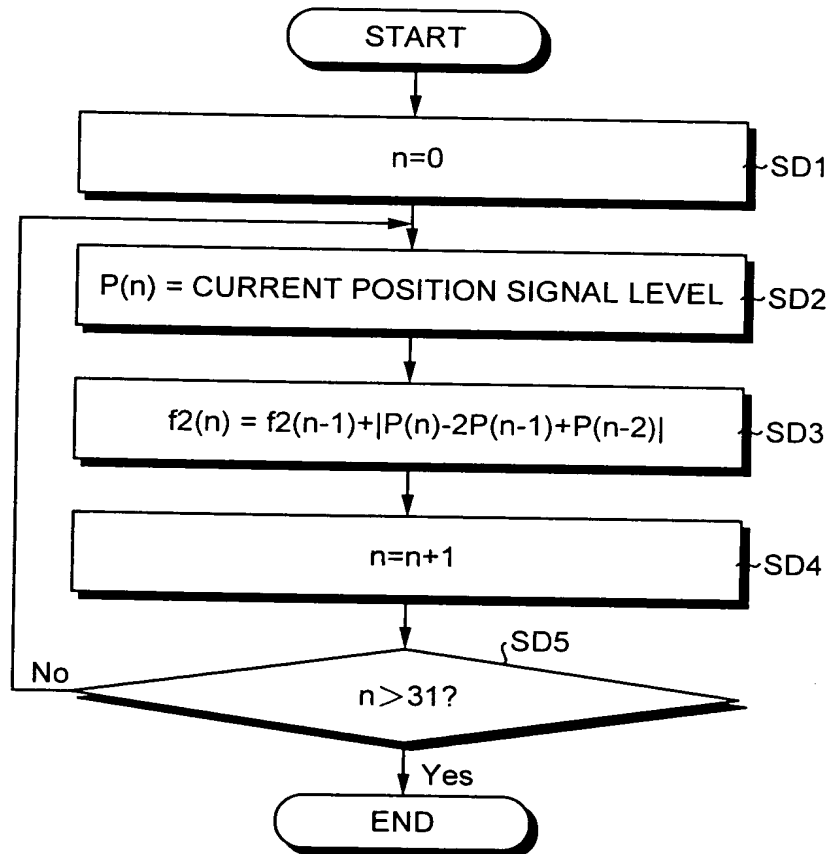
$$f2(n) = \sum_{n=0}^{31} |P(n) - 2P(n-1) + P(n-2)| \quad \cdot \cdot \cdot \cdot (2)$$

FIG.8



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FIG.9



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FIG.10

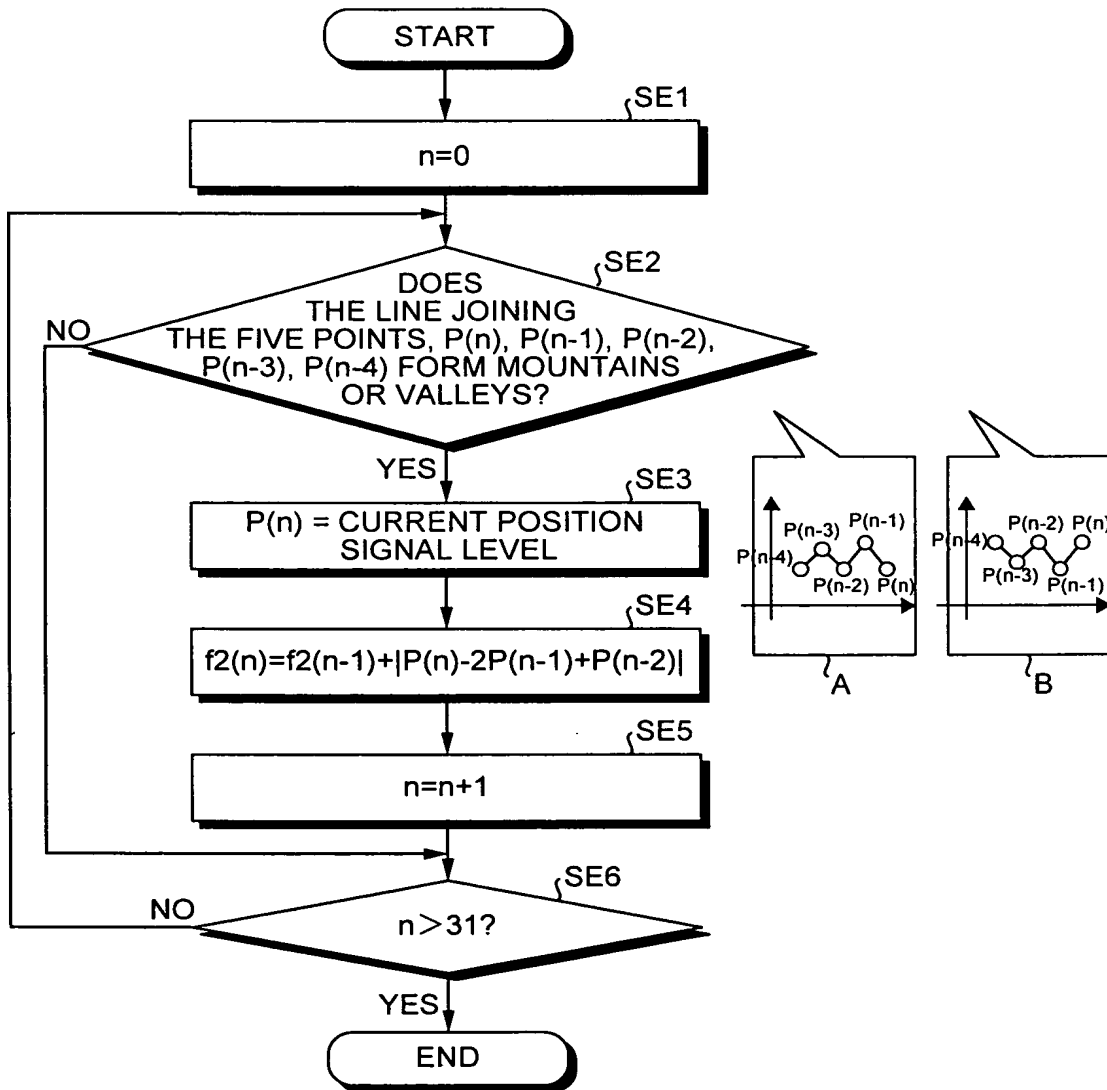


FIG.11A

METHOD 1	METHOD 2	METHOD 3	MAX METHOD 1	MAX METHOD 2	MAX METHOD 3
9752	9607	4046	0.20837	0.17588	0.17588

FIG.11B

POSITION SIGNAL LEVEL

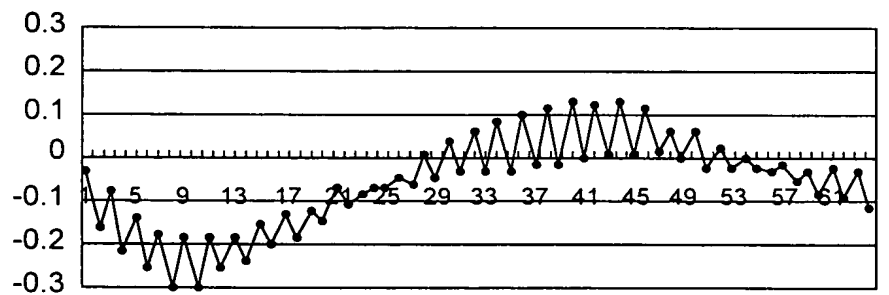


FIG.12A

METHOD 1	METHOD 2	METHOD 3	MAX METHOD 1	MAX METHOD 2	MAX METHOD 3
1429	1392	1638	0.03845	0.03368	0.03368

FIG.12B

POSITION SIGNAL LEVEL

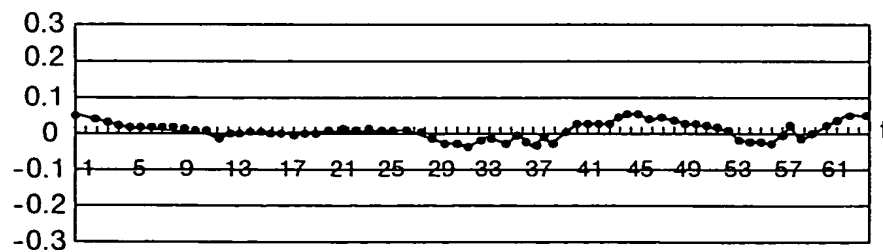
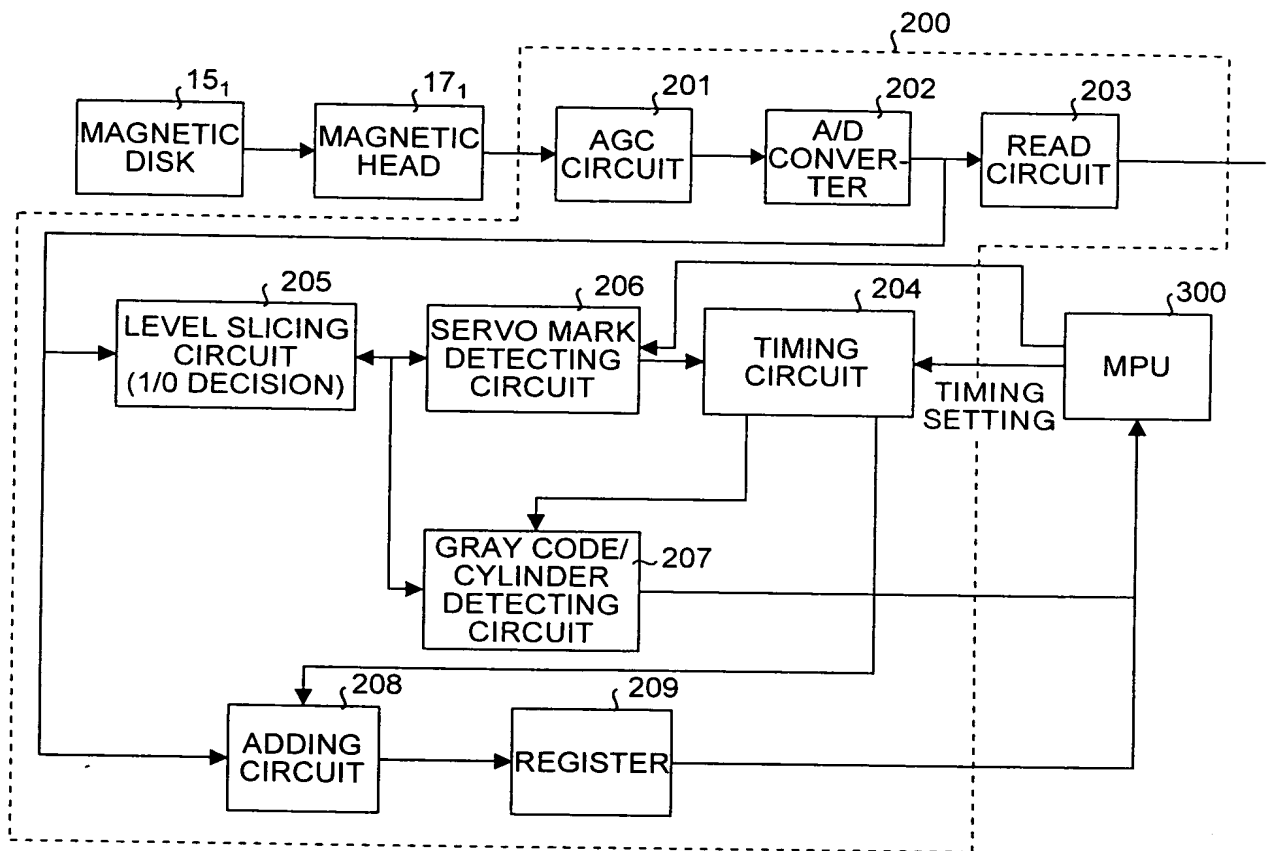


FIG.13



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FIG.14

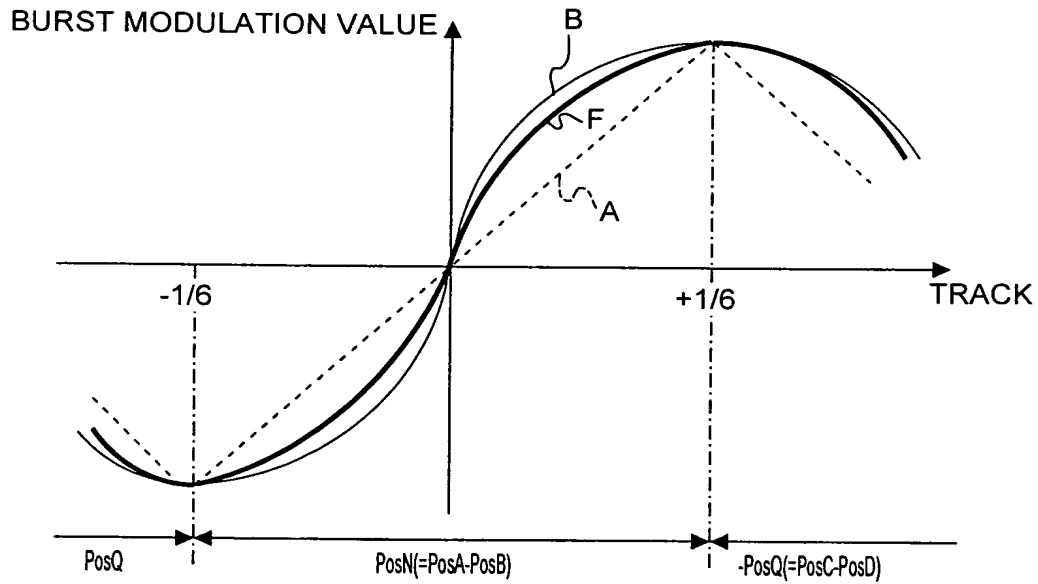
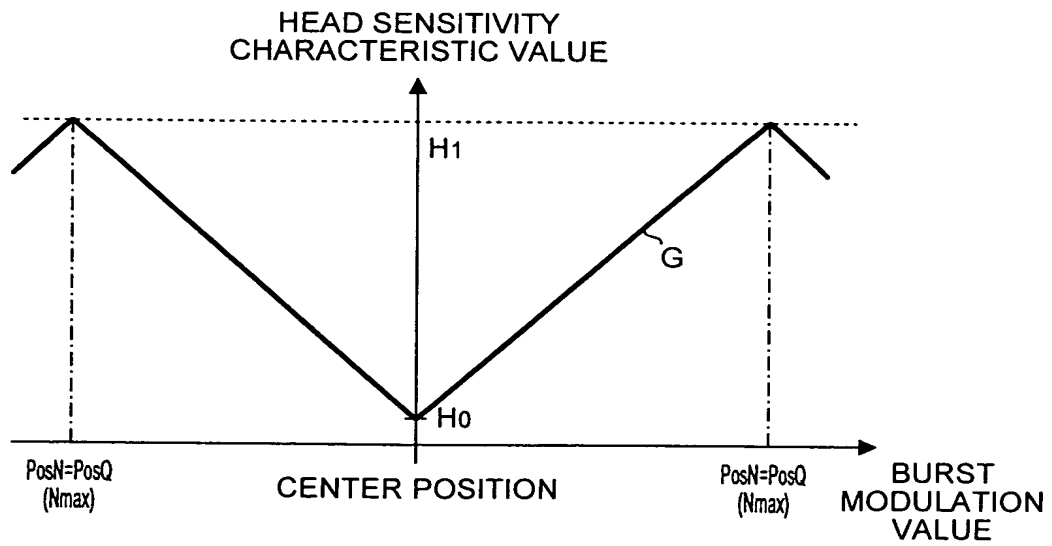


FIG.15



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FIG.16

BURST MODULATION VALUE

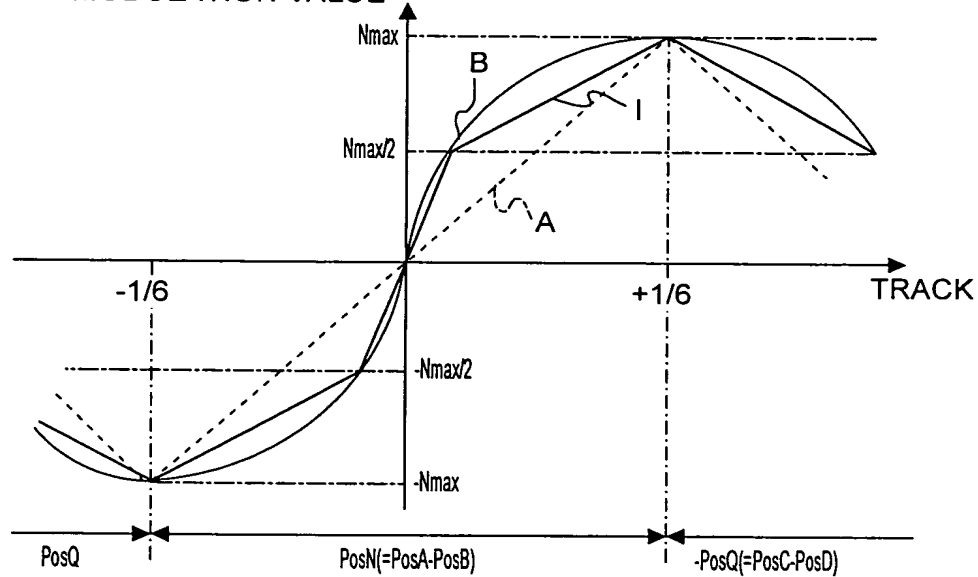
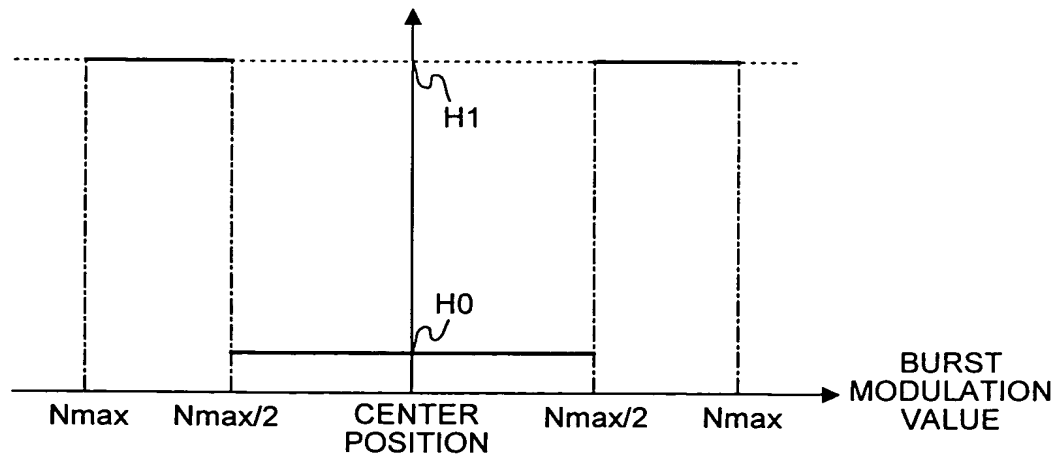


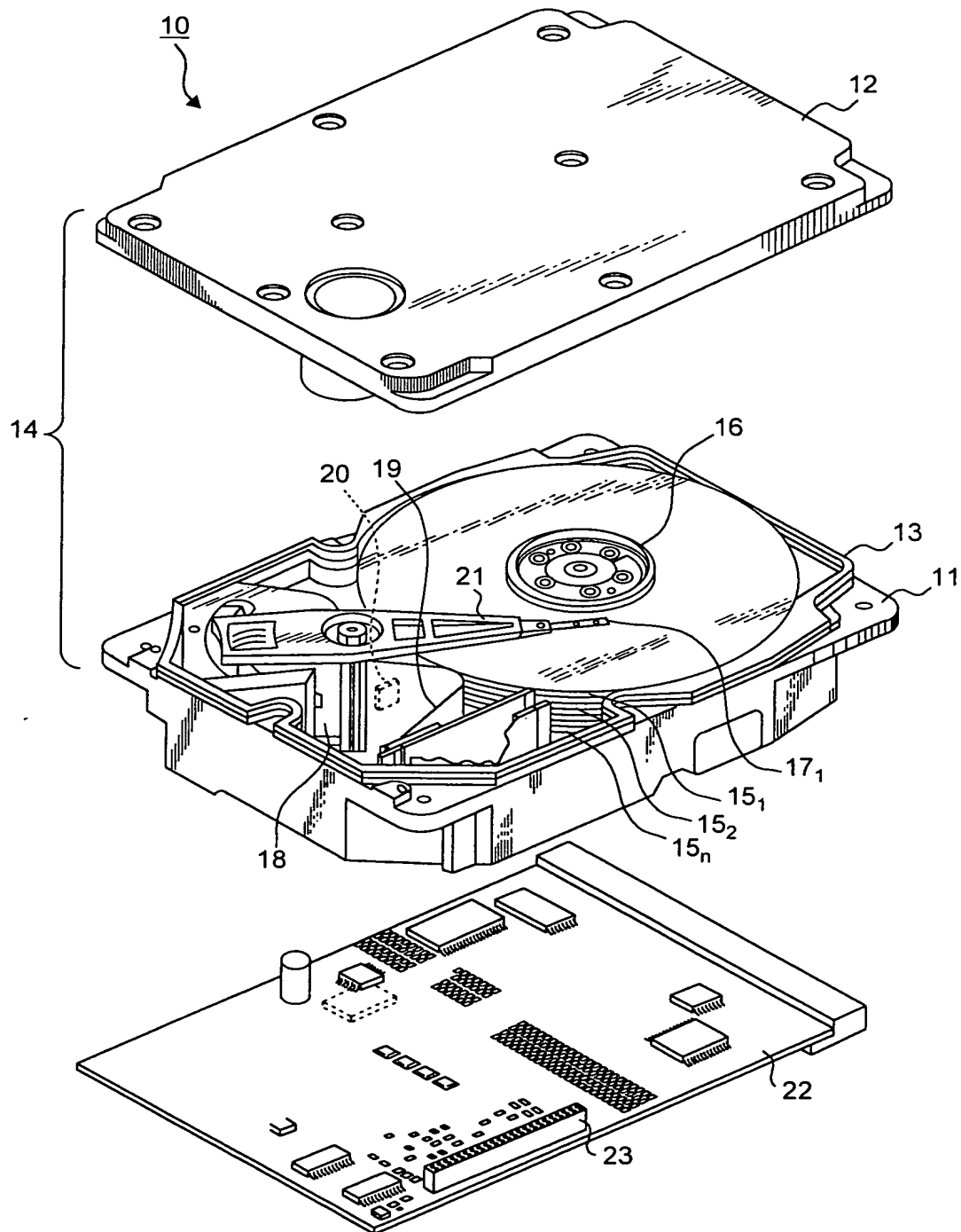
FIG.17

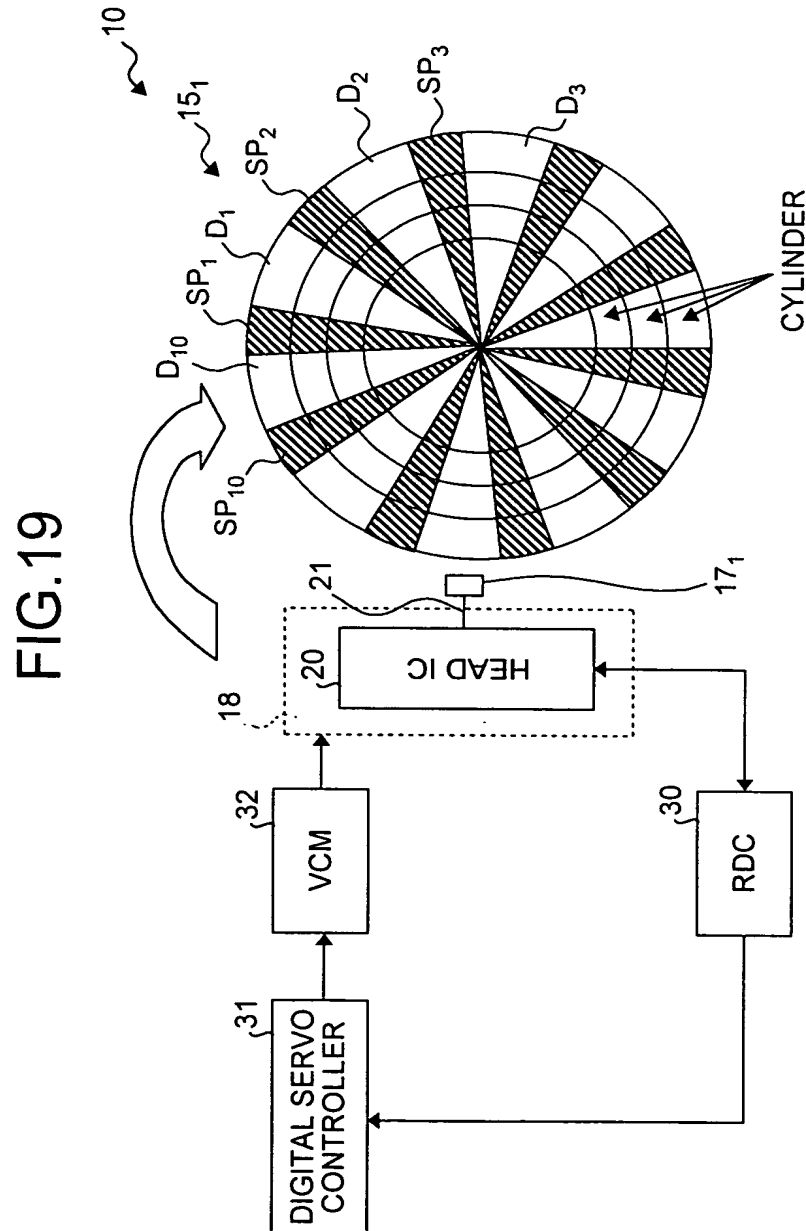
HEAD SENSITIVITY
CHARACTERISTIC VALUE



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FIG.18





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FIG.20

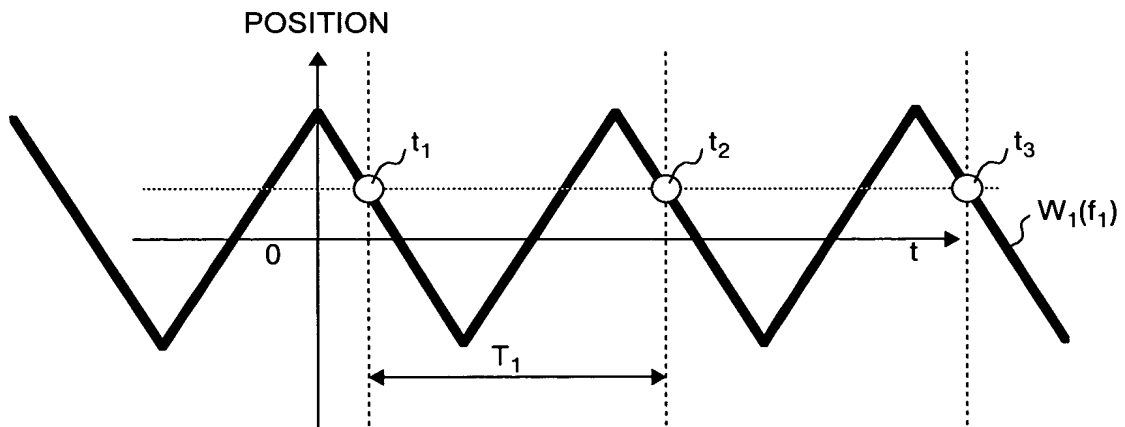


FIG.21

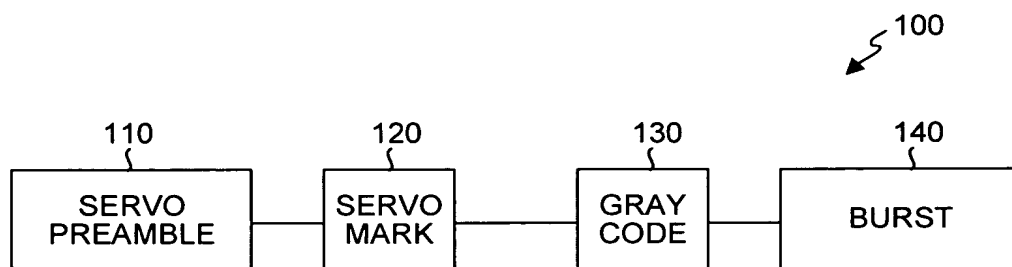
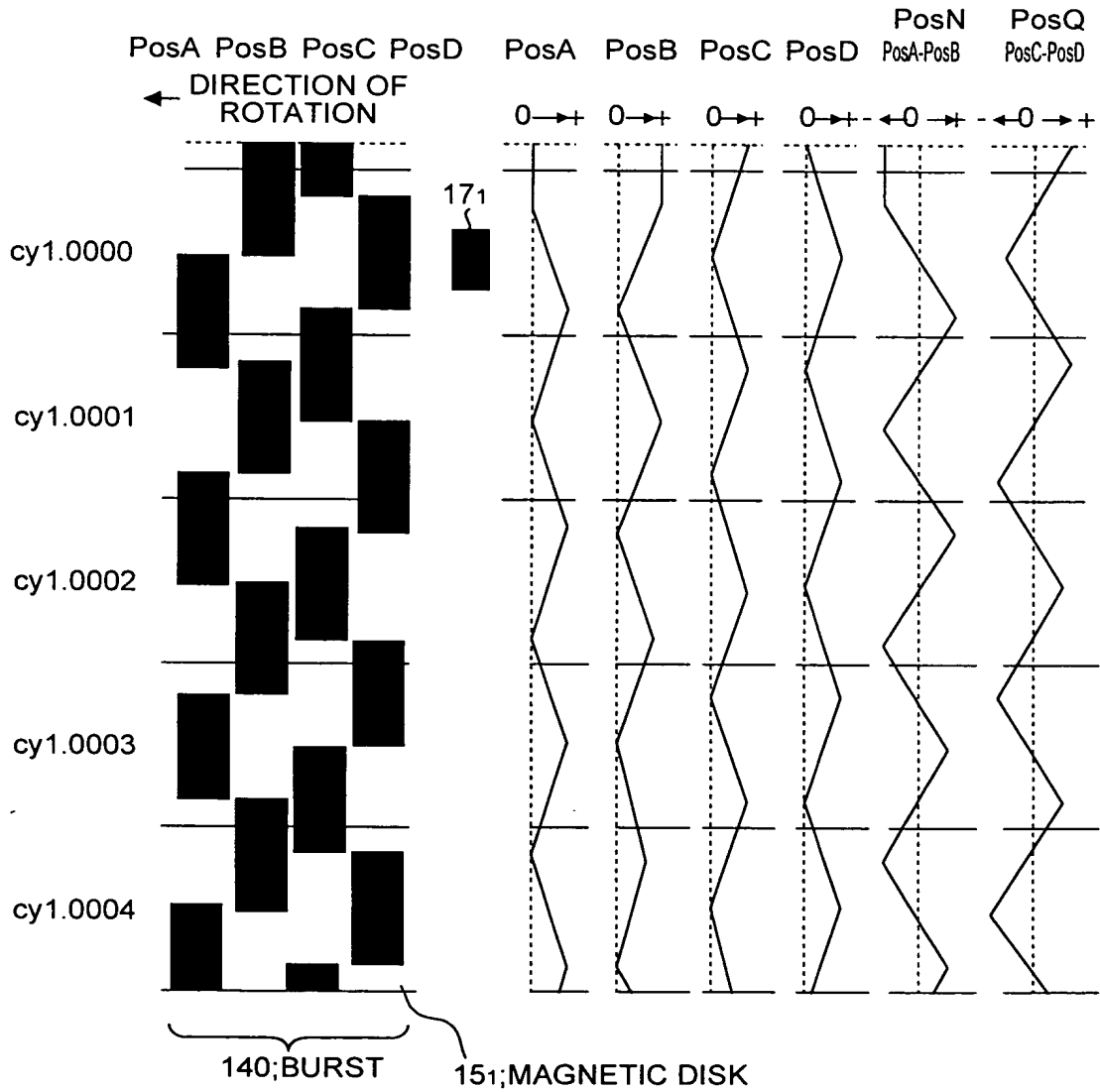


FIG.22



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FIG.23

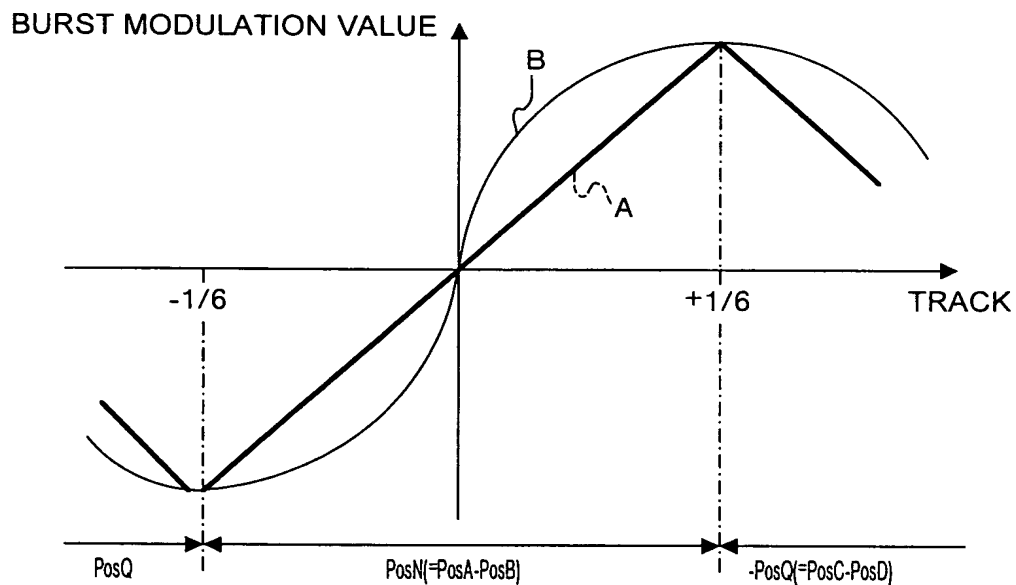


FIG.24

